Tokyo Skytree

FIGURE 1

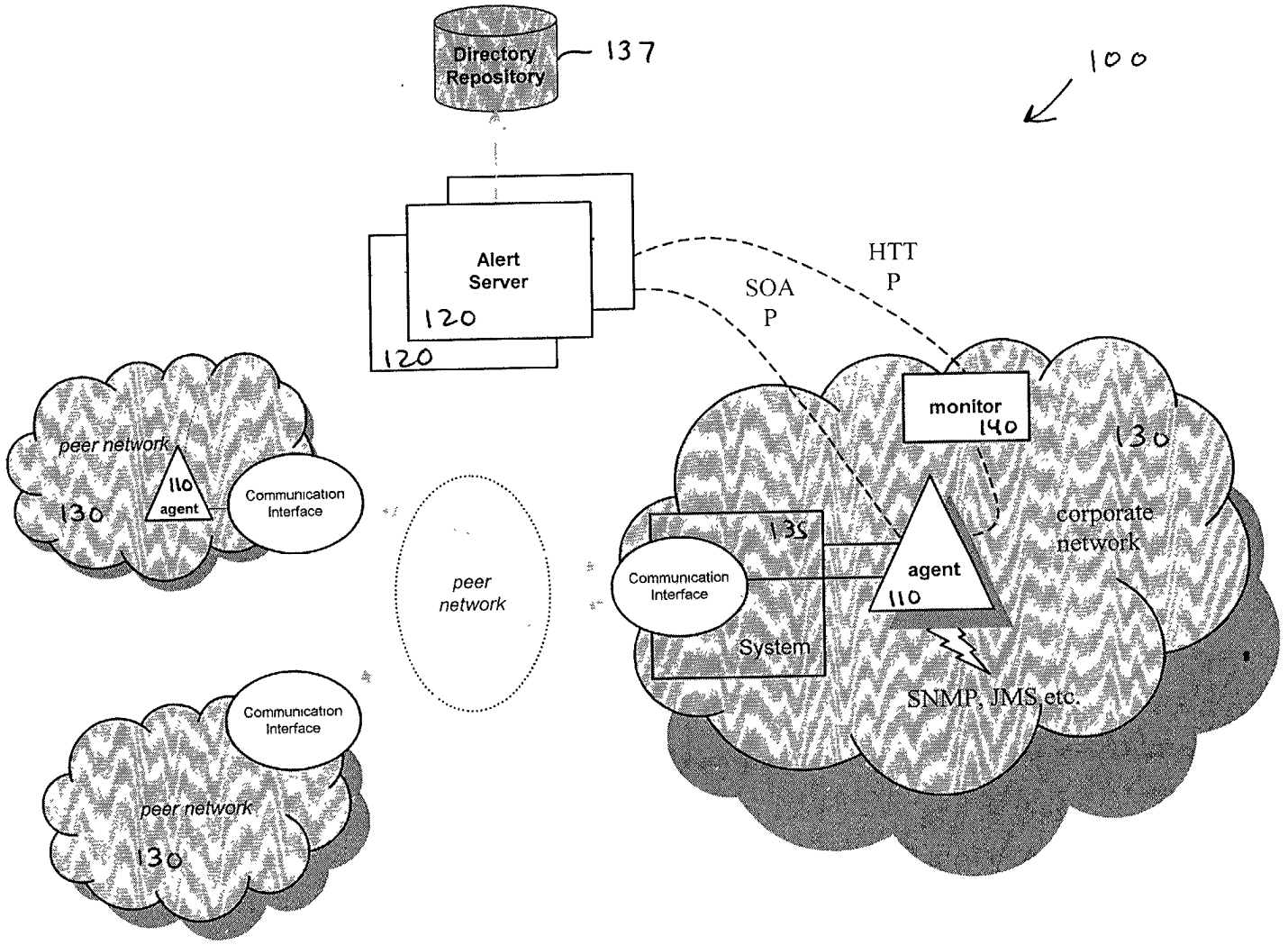


FIGURE 2

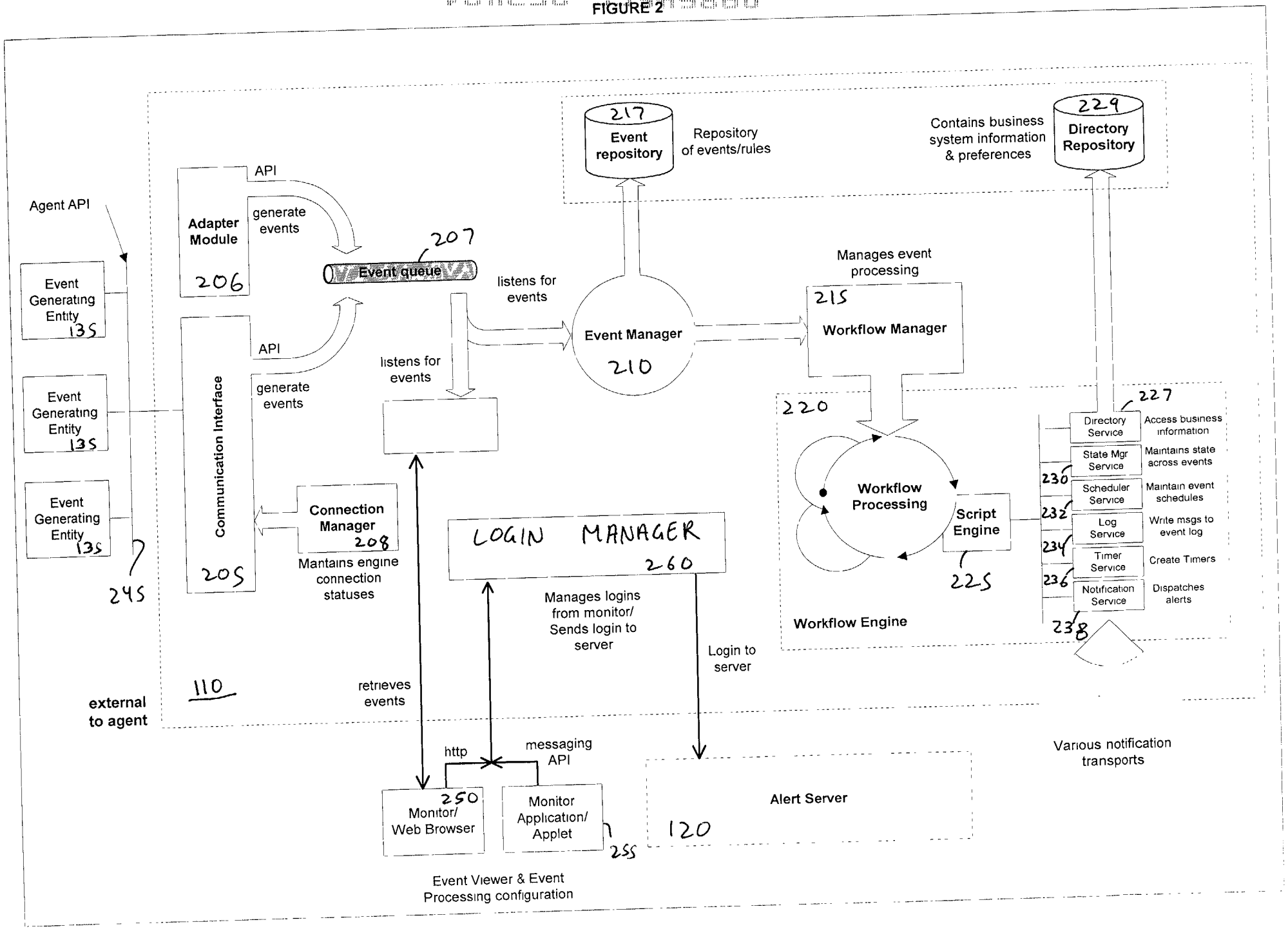
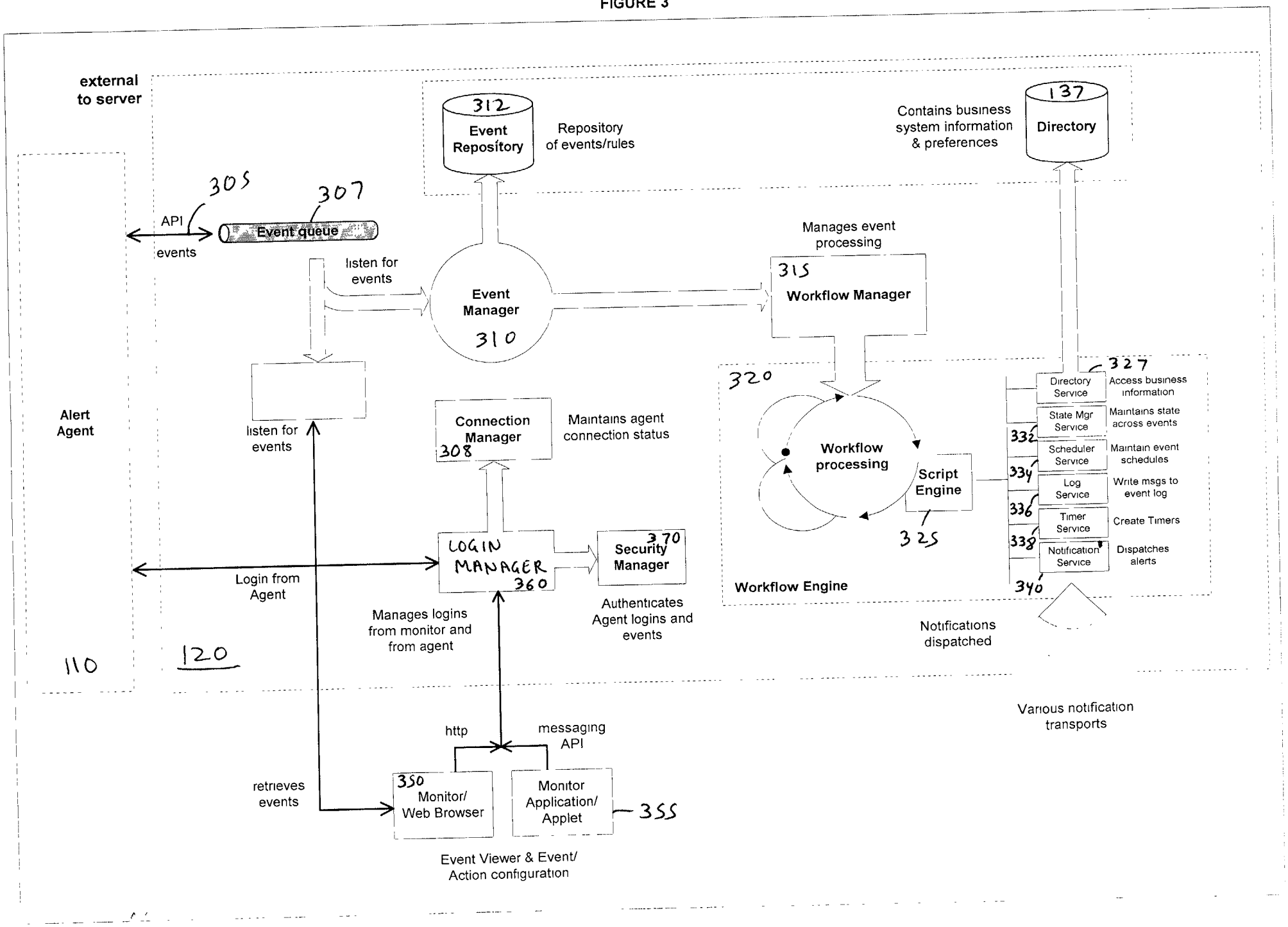

Agent API
Event Generating Entity 135
Event Generating Entity 135
Event Generating Entity 135
245
Adapter Module 206
API
generate events
Event queue 207
API
generate events
Communication Interface 205
Connection Manager 208
Mantains engine connection statuses
listens for events
listens for events
Event Manager 210
217 Event repository
Repository of events/rules
229 Directory Repository
Contains business system information & preferences
Manages event processing
215 Workflow Manager
220
Workflow Processing
Script Engine 225
Workflow Engine
227
Directory Service
Access business information
State Mgr Service
Maintains state across events
230
Scheduler Service
Maintain event schedules
232
Log Service
Write msgs to event log
234
Timer Service
Create Timers
236
Notification Service
Dispatches alerts
238
Various notification transports
LOGIN MANAGER 260
Manages logins from monitor/ Sends login to server
Login to server
110
external to agent
retrieves events
http
messaging API
250 Monitor/ Web Browser
Monitor Application/ Applet
255
Alert Server 120
Event Viewer & Event Processing configuration

FIGURE 3


external to server
312
Event Repository
Repository of events/rules
137
Directory
Contains business system information & preferences
305
307
API
Event queue
events
listen for events
Event Manager
310
Manages event processing
315
Workflow Manager
Alert Agent
listen for events
Connection Manager
308
Maintains agent connection status
320
Workflow processing
Script Engine
325
327
Directory Service
Access business information
State Mgr Service
Maintains state across events
332
Scheduler Service
Maintain event schedules
334
Log Service
Write msgs to event log
336
Timer Service
Create Timers
338
Notification Service
Dispatches alerts
340
Workflow Engine
LOGIN MANAGER
360
370
Security Manager
Login from Agent
Manages logins from monitor and from agent
Authenticates Agent logins and events
Notifications dispatched
110
120
Various notification transports
http
messaging API
retrieves events
350
Monitor/ Web Browser
Monitor Application/ Applet
355
Event Viewer & Event/ Action configuration

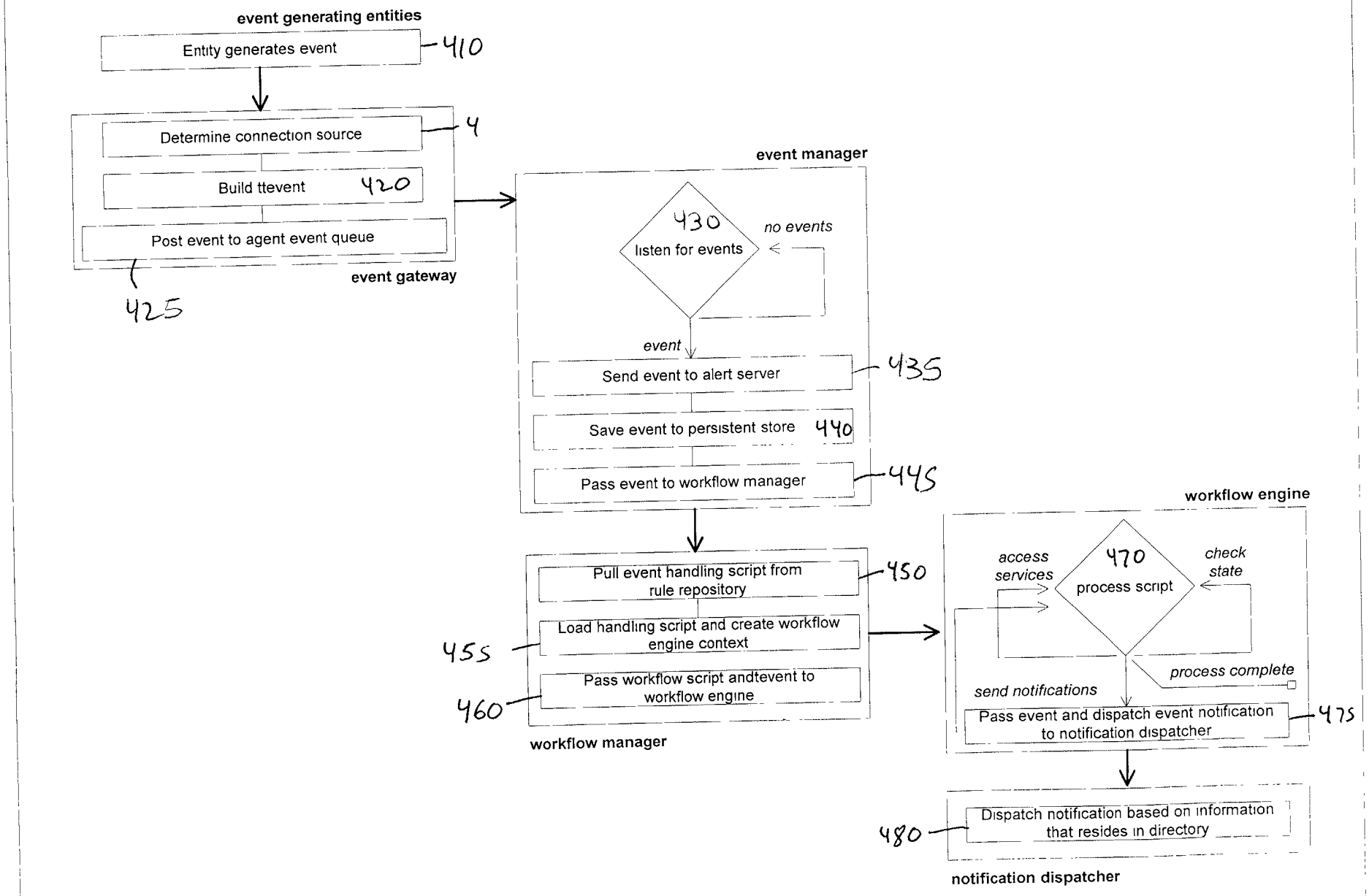

event generating entities
Entity generates event
410
Determine connection source
Build ttevent
420
Post event to agent event queue
event gateway
425
event manager
430
listen for events
no events
event
Send event to alert server
435
Save event to persistent store
440
Pass event to workflow manager
445
Pull event handling script from rule repository
450
Load handling script and create workflow engine context
455
Pass workflow script andtevent to workflow engine
460
workflow manager
workflow engine
access services
470
process script
check state
process complete
send notifications
Pass event and dispatch event notification to notification dispatcher
475
Dispatch notification based on information that resides in directory
480
notification dispatcher

FIGURE 5

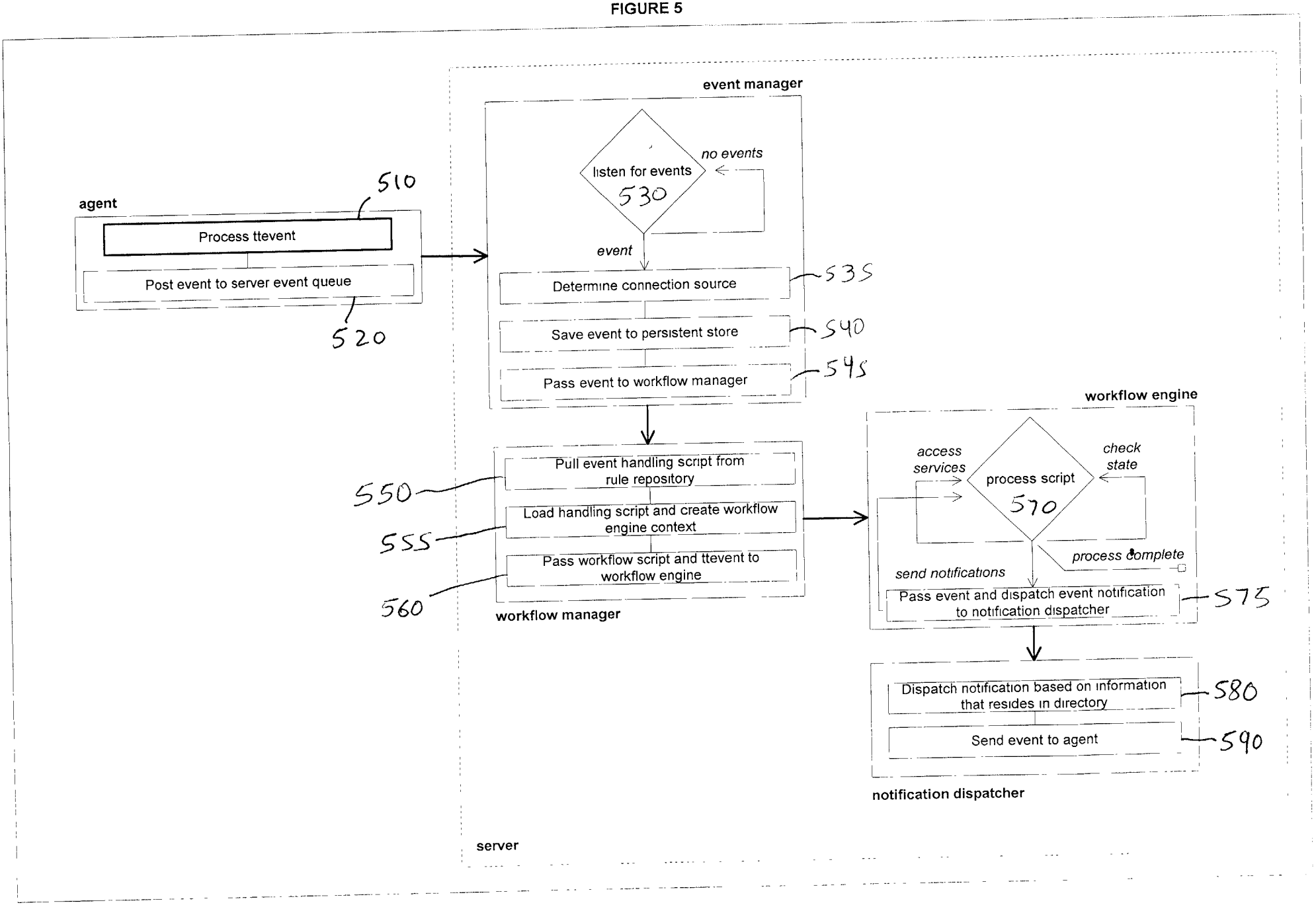

agent
510
Process ttevent
Post event to server event queue
520
event manager
listen for events
530
no events
event
Determine connection source
535
Save event to persistent store
540
Pass event to workflow manager
545
Pull event handling script from rule repository
550
Load handling script and create workflow engine context
555
Pass workflow script and ttevent to workflow engine
560
workflow manager
workflow engine
access services
process script
570
check state
process complete
send notifications
Pass event and dispatch event notification to notification dispatcher
575
Dispatch notification based on information that resides in directory
580
Send event to agent
590
notification dispatcher
server

FIGURE 6A

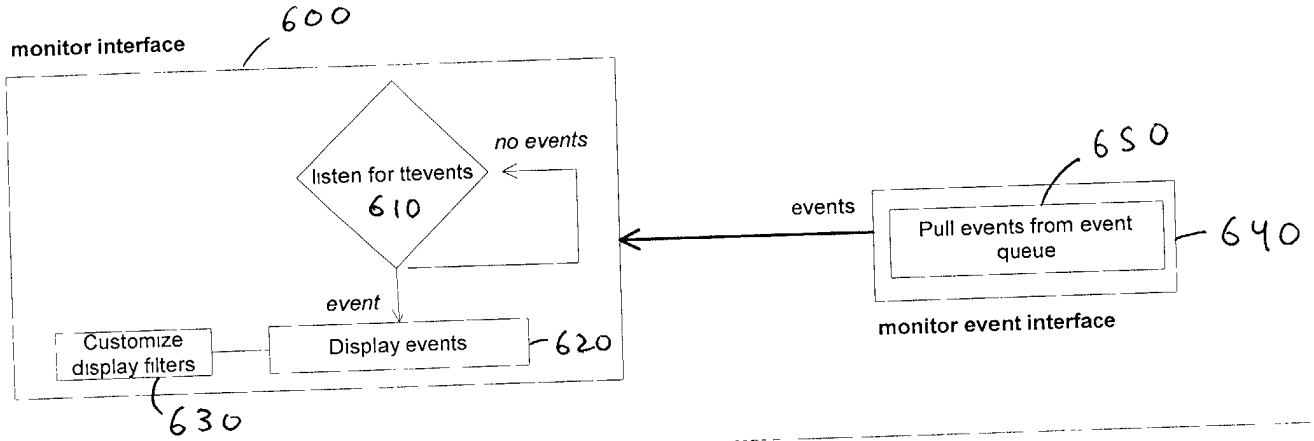
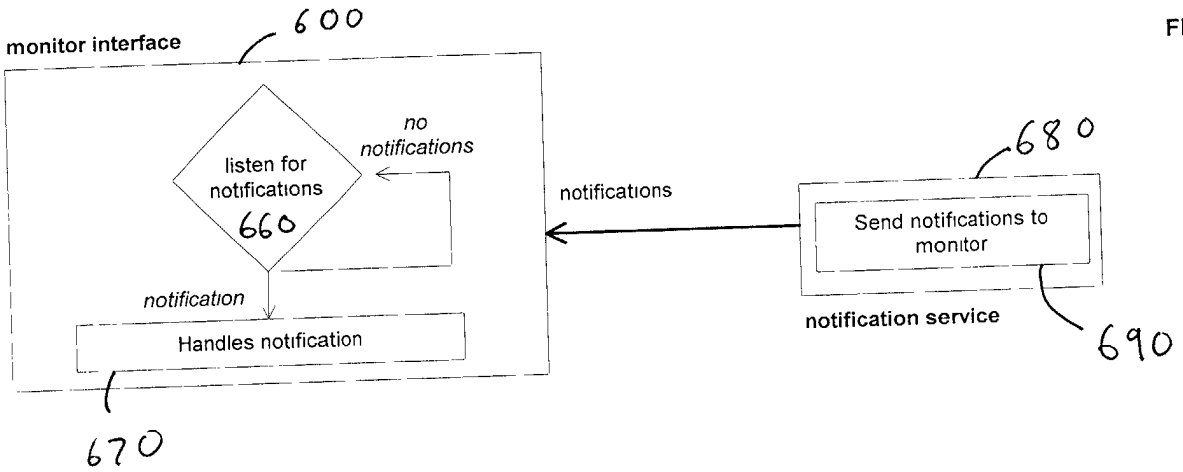



FIGURE 6B